



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hatayama

Attorney Docket No.: ALPSP129/
F US02015

Application No.: 10/626,175

Examiner: EASTHOM, KARL D

Filed: July 23, 2003

Group: 2832

Title: VARIABLE-RESISTANCE ELEMENT

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on November 19, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Tomika Thomas
Tomika Thomas

AMENDMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims		MINUS			x 9 =	x 18 =
Independent Claims		MINUS			x 44 =	x 88 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$150.00	\$300.00
Total					\$	\$

- ☐ Applicant(s) hereby petition for a ____ month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☐ Enclosed is our Check No. ____ in the amount of \$ ____ to cover the additional claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. ALPSP129).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP

Haruo Yawata
Haruo Yawata
Limited Recognition under 37 CFR § 10.9(b)



IFW

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Signed:


Tomika Thomas

AMENDMENT B

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the *Ex Parte Quayle* Office Action dated September 29, 2004, please amend the above-identified patent application as indicated in the following pages.

Amendments to the Drawings being on page 2 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks begin on page 3 of this paper.

An **Appendix** including amended drawing figures is attached following page 3 of this paper.